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L Number	Hits	Search Text	DB	Time stamp
1	1925	((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina)	USPAT; US-PGPUB	2003/03/13 08:39
2	193	((display or pdp) with (glass)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina))	USPAT; US-PGPUB	2003/03/13 08:58
3	79	501/55-72.ccls. and (((display or pdp) with (glass)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina)))	USPAT; US-PGPUB	2003/03/13 08:44
5	39849	((mole or molar) adj percent) or "mol%" or (mole adj "%") or "mole%"	EPO; JPO; DERWENT	2003/03/13 08:59
6	1	(((display or pdp) with (glass)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina))) and (((mole or molar) adj percent) or "mol%" or (mole adj "%") or "mole%")	EPO; JPO; DERWENT	2003/03/13 08:59
4	87	((display or pdp) with (glass)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina))	EPO; JPO; DERWENT	2003/03/13 08:59

7	15	(US-6297182-$ or US-6268304-$ or US-6162750-$ or US-6087284-$ or US-5854153-$).did. or (EP-879800-$).did. or (JP-2002025762-$ or JP-2001064028-$).did. or (JP-2002047030-$ or JP-2002025762-$ or JP-2001348246-$ or JP-2001058843-$ or JP-2001026437-$ or US-5854153-$ or EP-882685-$).did.	USPAT; EPO; JPO; DERWENT	2003/03/13 09:26
8	2	(("20010010066") or ("5776844")).PN.	USPAT; US-PGPUB	2003/03/13 09:26
9	1	("20020010066").PN.	USPAT; US-PGPUB	2003/03/13 09:38
10	883	(501/70).CCLS.	USPAT; US-PGPUB	2003/03/13 09:39
-	572922	glass or frit or glaze or enamel	USPAT; US-PGPUB	2003/03/12 15:42
-	433762	si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2"	USPAT; US-PGPUB	2003/03/12 15:42
-	433762	si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2"	USPAT; US-PGPUB	2003/03/12 15:42
-	499781	na or na2 or na2o or na20 or sodium or soda or "na.sub.2"	USPAT; US-PGPUB	2003/03/12 15:42
-	313374	potassium or potassia or k2 or k2o or k20 or "k.sub.2"	USPAT; US-PGPUB	2003/03/12 15:42
-	859117	ca or cao or calcium or calcia or lime or ca0	USPAT; US-PGPUB	2003/03/12 15:43
-	313374	potassium or potassia or k2 or k2o or k20 or "k.sub.2"	USPAT; US-PGPUB	2003/03/12 15:43
-	572922	glass or frit or glaze or enamel	USPAT; US-PGPUB	2003/03/12 15:43
-	2215	(si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)	USPAT; US-PGPUB	2003/03/12 15:44
-	1982	((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina)	USPAT; US-PGPUB	2003/03/13 08:38
-	650	((display or substrate or pdp) with (glass or frit or glaze or enamel)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina))	USPAT; US-PGPUB	2003/03/13 08:38
-	57400	((mole or molar) adj percent) or "mol%" or (mole adj "%") or "mole%"	USPAT; US-PGPUB	2003/03/13 08:59

-	63	(((mole or molar) adj percent) or "mol%" or (mole adj "%") or "mole%") and (((display or substrate or pdp) with (glass or frit or glaze or enamel)) and (((si or silicon or sio or sio2 or "sio.sub.2" or si0 or si02 or "si0.sub.2") same (na or na2 or na2o or na20 or sodium or soda or "na.sub.2") same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (ca or cao or calcium or calcia or lime or ca0) same (potassium or potassia or k2 or k2o or k20 or "k.sub.2") same (glass or frit or glaze or enamel)) same (al or al2 or al2o or al20 or al203 or al2o3 or aluminum or aluminium or "al.sub.2" or alumina)))	USPAT; US-PGPUB	2003/03/12 15:53

Max SiO2		mol%	MW			Wt%		Max K2O		mol%	MW			Wt%
	SiO2	66.0	60.1	3966.6		59.8%			MgO	3.0	40.3	120.9	6762.0	1.8%
	Al2O3	14.5	102.0	1479.0		22.3%			CaO	8.5	56.1	476.9	6762.0	7.1%
	K2O	2.5	94.2	235.5		3.5%			SiO2	59.0	60.1	3545.9	6762.0	52.4%
	Na2O	8.5	62.0	527.0		7.9%			Na2O	8.5	62.0	527.0	6762.0	7.8%
	MgO	3.0	40.3	120.9		1.8%			K2O	6.5	94.2	612.3	6762.0	9.1%
	CaO	5.5	56.1	308.6		4.6%			Al2O3	14.5	102.0	1479.0	6762.0	21.9%
	SrO	0.0	103.6	0.0		0.0%			SrO	0.0	103.6	0.0	6762.0	0.0%
	BaO	0.0	153.3	0.0		0.0%			BaO	0.0	153.3	0.0	6762.0	0.0%
		100.0		6637.6						100.0		6762.0		
		mol%	MW			Wt%		min K20		mol%	MW			Wt%
Min SiO2	BaO	3.0	153.3	459.9	7385.1	6.2%			BaO	3.0	153.3	459.9	7272.4	6.3%
	SrO	3.0	103.6	310.8	7385.1	4.2%			SrO	3.0	103.6	310.8	7272.4	4.3%
	Al2O3	18.0	102.0	1836.0	7385.1	24.9%			Al2O3	18.0	102.0	1836.0	7272.4	25.2%
	K2O	6.0	94.2	565.2	7385.1	7.7%			K2O	2.5	94.2	235.5	7272.4	3.2%
	Na2O	8.5	62.0	527.0	7385.1	7.1%			Na2O	12.0	62.0	744.0	7272.4	10.2%
	SiO2	59.0	60.1	3545.9	7385.1	48.0%			SiO2	59.0	60.1	3545.9	7272.4	48.8%
	CaO	2.5	56.1	140.3	7385.1	1.9%			CaO	2.5	56.1	140.3	7272.4	1.9%
	MgO	0.0	40.3	0.0	7385.1	0.0%			MgO	0.0	40.3	0.0	7272.4	0.0%
		100.0		7385.1						100.0		7272.4		
		mol%	MW			Wt%		Max CaO		mol%	MW			Wt%
	MgO	3.0	40.3	120.9	6770.2	1.8%			MgO	3.0	40.3	120.9	6623.6	1.8%
Max AL	CaO	9.0	56.1	504.9	6770.2	7.5%			CaO	9.0	56.1	504.9	6623.6	7.6%
	SiO2	59.0	60.1	3545.9	6770.2	52.4%			SiO2	62.5	60.1	3756.3	6623.6	56.7%
	Na2O	8.5	62.0	527.0	6770.2	7.8%			Na2O	8.5	62.0	527.0	6623.6	8.0%
	K2O	2.5	94.2	235.5	6770.2	3.5%			K2O	2.5	94.2	235.5	6623.6	3.6%
	Al2O3	18.0	102.0	1836.0	6770.2	27.1%			Al2O3	14.5	102.0	1479.0	6623.6	22.3%
	SrO	0.0	103.6	0.0	6770.2	0.0%			SrO	0.0	103.6	0.0	6623.6	0.0%
	BaO	0.0	153.3	0.0	6770.2	0.0%			BaO	0.0	153.3	0.0	6623.6	0.0%
		100.0		6770.2						100.0		6623.6		

		mol%	MW			Wt%		Min CaO		mol%	MW			Wt%
	BaO	3.0	153.3	459.9	7261.2	6.3%			BaO	3.0	153.3	459.9	7385.1	6.2%
Min Al	SrO	3.0	103.6	310.8	7261.2	4.3%			SrO	3.0	103.6	310.8	7385.1	4.2%
	Al2O3	14.5	102.0	1479.0	7261.2	20.4%			Al2O3	18.0	102.0	1836.0	7385.1	24.9%
	K2O	6.5	94.2	612.3	7261.2	8.4%			K2O	6.0	94.2	565.2	7385.1	7.7%
	Na2O	11.5	62.0	713.0	7261.2	9.8%			Na2O	8.5	62.0	527.0	7385.1	7.1%
	SiO2	59.0	60.1	3545.9	7261.2	48.8%			SiO2	59.0	60.1	3545.9	7385.1	48.0%
	CaO	2.5	56.1	140.3	7261.2	1.9%			CaO	2.5	56.1	140.3	7385.1	1.9%
	MgO	0.0	40.3	0.0	7261.2	0.0%			MgO	0.0	40.3	0.0	7385.1	0.0%
		100.0		7261.2						100.0		7385.1		
		mol%	MW			Wt%		Mx Mg		mol%	MW			Wt%
	MgO	3.0	40.3	120.9	6630.2	1.8%			MgO	3.0	40.3	120.9	6623.6	1.8%
Max Na2O	CaO	9.0	56.1	504.9	6630.2	7.6%			CaO	9.0	56.1	504.9	6623.6	7.6%
	SiO2	59.0	60.1	3545.9	6630.2	53.5%			SiO2	62.5	60.1	3756.3	6623.6	56.7%
	Na2O	12.0	62.0	744.0	6630.2	11.2%			Na2O	8.5	62.0	527.0	6623.6	8.0%
	K2O	2.5	94.2	235.5	6630.2	3.6%			K2O	2.5	94.2	235.5	6623.6	3.6%
	Al2O3	14.5	102.0	1479.0	6630.2	22.3%			Al2O3	14.5	102.0	1479.0	6623.6	22.3%
	SrO	0.0	103.6	0.0	6630.2	0.0%			SrO	0.0	103.6	0.0	6623.6	0.0%
	BaO	0.0	153.3	0.0	6630.2	0.0%			BaO	0.0	153.3	0.0	6623.6	0.0%
		100.0		6630.2						100.0		6623.6		
		mol%	MW			Wt%		Mx Sr		mol%	MW			Wt%
	BaO	3.0	153.3	459.9	7385.1	6.2%			MgO	3.0	40.3	120.9	6754.1	1.8%
Min Na2O	SrO	3.0	103.6	310.8	7385.1	4.2%			CaO	9.0	56.1	504.9	6754.1	7.5%
	Al2O3	18.0	102.0	1836.0	7385.1	24.9%			SiO2	59.5	60.1	3576.0	6754.1	52.9%
	K2O	6.0	94.2	565.2	7385.1	7.7%			Na2O	8.5	62.0	527.0	6754.1	7.8%
	Na2O	8.5	62.0	527.0	7385.1	7.1%			K2O	2.5	94.2	235.5	6754.1	3.5%
	SiO2	59.0	60.1	3545.9	7385.1	48.0%			Al2O3	14.5	102.0	1479.0	6754.1	21.9%
	CaO	2.5	56.1	140.3	7385.1	1.9%			SrO	3.0	103.6	310.8	6754.1	4.6%
	MgO	0.0	40.3	0.0	7385.1	0.0%			BaO	0.0	153.3	0.0	6754.1	0.0%
		100.0		7385.1						100.0		6754.1		

Max Ba		mol%	MW			Wt%								
	MgO	3.0	40.3	120.9	6443.3	1.9%								
	CaO	9.0	56.1	504.9	6443.3	7.8%								
	SiO2	59.5	60.1	3576.0	6443.3	55.5%								
	Na2O	8.5	62.0	527.0	6443.3	8.2%								
	K2O	2.5	94.2	235.5	6443.3	3.7%								
	Al2O3	14.5	102.0	1479.0	6443.3	23.0%								
	SrO	0.0	103.6	0.0	6443.3	0.0%								
	BaO	3.0	153.3	459.9	6443.3	7.1%								
		100.0		6443.3										